

FIG.1

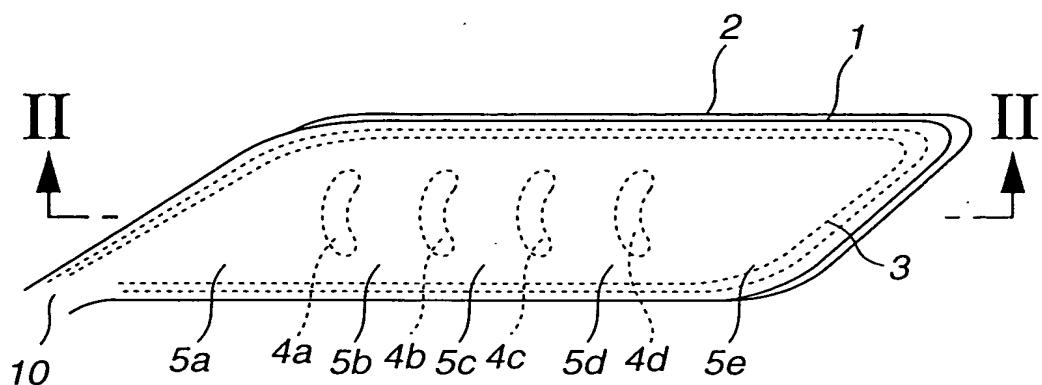


FIG.2

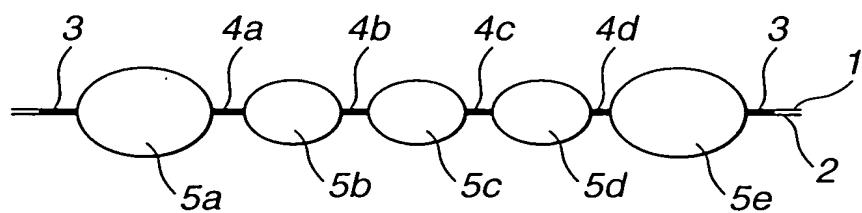
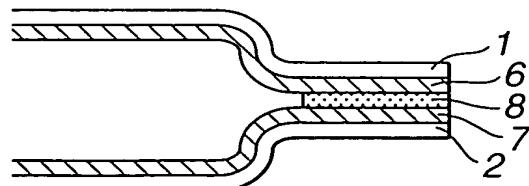


FIG.3



Title: SIDE AIRBAG
Inventor(s): Tadao KANUMA
Appl. No.: Unassigned

FIG.4

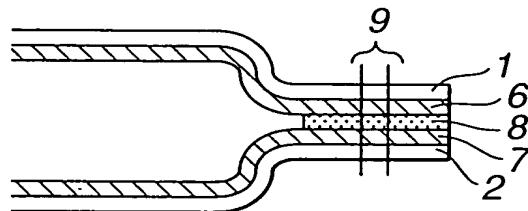


FIG. 5

Title: SIDE AIRBAG
Inventor(s): Tadao KANUMA
Appl. No.: Unassigned

SPECIFICATIONS OF TEXTILE							ADHESIVE-SILICONE CHARACTERISTICS							AIRBAG CHARACTERISTICS		
YARN (dex)	WEAVING DENSITY (yarns/inch)	COVER FACTOR (CF)	WEIGHT (g/m ²)	JOINING METHOD FOR MAIN-BODY FABRIC	TYPE OF REACTION	HARDNESS (JIS-A)	INITIAL FRACTURAL ELONGATION (E ₀)	E/E ₀	DEPLOYMENT TEST (DAMAGE AT JUNCTION(S))	AIRTIGHTNESS (RELATIVE VALUE)	FOLDED THICKNESS (RELATIVE VALUE)					
EXAMPLE 1	235	68 X 67	2070	135	ADHESIVE SILICONE	ADDITION RTV	10	1250	0.98	0.96	NO DAMAGE	100	100			
EXAMPLE 2	155	95 X 93	2340	126	DITTO	DITTO	DITTO	DITTO	DITTO	DITTO	DITTO	102	85			
COMPARATIVE EXAMPLE 1					REACTIVE HOT MELT						PERIPHERAL JUNCTION PEELED OFF AT SEVERAL SPOTS		102			
COMPARATIVE EXAMPLE 2					SILICONE FILLING AFTER SEWING	ADDITION RTV	10	1250	0.98	0.96	NO DAMAGE	3	119			
COMPARATIVE EXAMPLE 3	235	68 X 67	2070	135	ADHESIVE SILICONE	ADDITION THERMOSETTING	35	510	0.86	0.77	DITTO	93	105			
COMPARATIVE EXAMPLE 4					DITTO	CONDENSATION RTV	41	380	0.63	0.51	PERIPHERAL JUNCTION PEELED OFF AT ONE SPOT		107			
COMPARATIVE EXAMPLE 5					DITTO	ADDITION RTV	28	720	0.75	0.64	DITTO	37	103			

FIG.6

SPECIFICATIONS OF TEXTILE				ADHESIVE-SILICONE CHARACTERISTICS				AIRBAG CHARACTERISTICS			
YARN (dtex)	WEAVING DENSITY (yarns/inch)	COVER FACTOR (CF)	WEIGHT (g/m ²)	TYPE OF REACTION	HARDNESS (JIS-A)	INITIAL FRACTURAL ELONGATION (E ₀)	E/E ₀	DEPLOYMENT TEST (DAMAGE AT JUNCTION(S))	AIRTIGHTNESS (RELATIVE VALUE)	FOLDED THICKNESS (RELATIVE VALUE)	
EXAMPLE 3	350	62 X 62	2320	190	ADDITION RTV	10	1250	0.98	0.96 NO DAMAGE	100	100
EXAMPLE 4	235	75 X 75	2299	155	DITTO	DITTO	DITTO	DITTO	DITTO	98	87
EXAMPLE 5	350	62 X 62	2320	190	DITTO	16	1040	0.85	0.73 DITTO	100	102
COMPARATIVE EXAMPLE 6	470	54 X 54	2341	215	DITTO	10	1250	0.98	0.96 DITTO	102	124
COMPARATIVE EXAMPLE 7	400	49 X 49	1960	190	DITTO	DITTO	DITTO	DITTO	SILICONE PEELED OFF AT PERIPHERY & COCOON-LIKE JUNCTIONS TO HAVE SEAMS EXPOSED	7	90
COMPARATIVE EXAMPLE 8	400	62 X 62	2320	190	CONDENSATION RTV	41	380	0.68	0.51 SILICONE PEELED OFF AT PERIPHERAL JUNCTION	26	109